AUTODOC CLUB

How to change rear strut mount on **AUDI TT Roadster (8N9)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

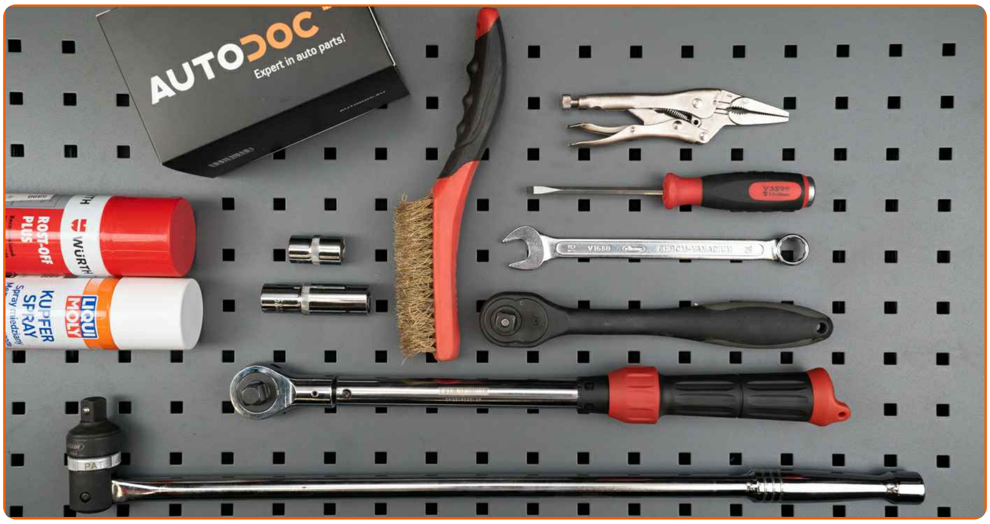
Important!

This replacement procedure can be used for:
AUDI TT Roadster (8N9) 1.8 T, AUDI TT Roadster (8N9) 1.8 T quattro

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: AUDI A3 Hatchback (8L1) 1.8

REPLACEMENT: STRUT MOUNT – AUDI TT ROADSTER (8N9). TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # 16
- Combination spanner #16
- Torque wrench
- Adjustable wrench
- Wheel impact socket #17
- Hydraulic transmission jack
- Wheel chock

Buy tools

Replacement: strut mount – AUDI TT Roadster (8N9). AUTODOC recommends:

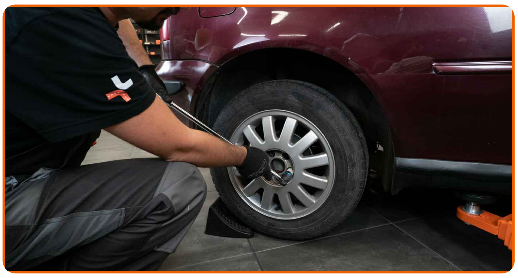
- All work should be done with the engine stopped.
- The replacement procedure is identical for the mounts of the right and left shock absorbers of the rear suspension.
- Both mounts of the rear shock struts should be replaced simultaneously.
- Be sure to replace all self-locking nuts and bolts during installation.

REPLACEMENT: STRUT MOUNT – AUDI TT ROADSTER (8N9). RECOMMENDED SEQUENCE OF STEPS:

1 Secure the wheels with chocks.



2 Loosen the wheel mounting bolts. Use wheel impact socket #17.



3 Raise the rear of the car and secure on supports.

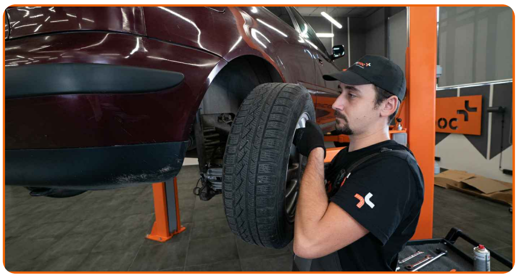
4 Unscrew the wheel bolts.



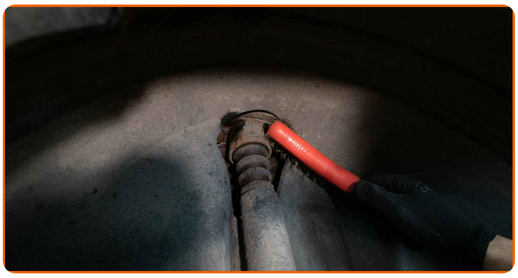
Replacement: strut mount – AUDI TT Roadster (8N9). Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

5 Remove the wheel.



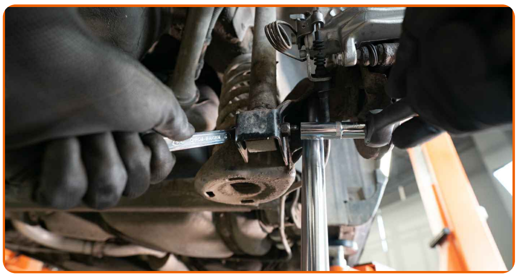
6 Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



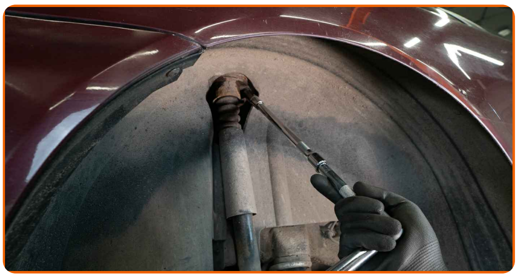
7 Support the arm. Use a hydraulic transmission jack.



8 Unscrew the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16.



9 Unscrew the upper fastener of the shock absorber. Use a drive socket #16.



AUTODOC recommends:

- Important! Hold the shock absorber while unscrewing the fastening bolts. AUDI TT Roadster (8N9)

10 Remove the support from under the rear arm.

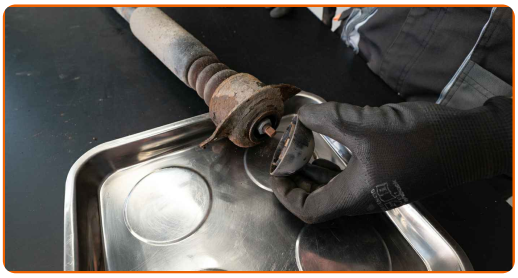


11 Remove the shock absorber.



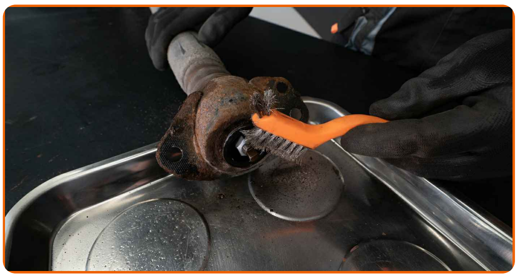
12

Remove the protective cap of the shock absorber mount.



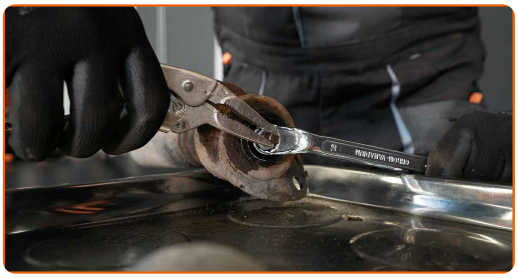
13

Clean the shock absorber rod fastener. Use a wire brush. Use WD-40 spray.



14

Remove the shock absorber piston rod fastening. Use a combination spanner #16. Use an adjustable wrench.



15

Remove the shock absorber mount, boot and bump stop.



AUTODOC recommends:

- Thoroughly examine the shock absorber mount, dust boot, bump stop. Replace them if necessary.

16 Install the boot and a bump stop onto the shock absorber.



17 Install the new shock absorber mount.



18 Tighten the shock absorber mount fasteners. Use a combination spanner #16. Use an adjustable wrench. Use a torque wrench. Tighten it to 25 Nm torque.



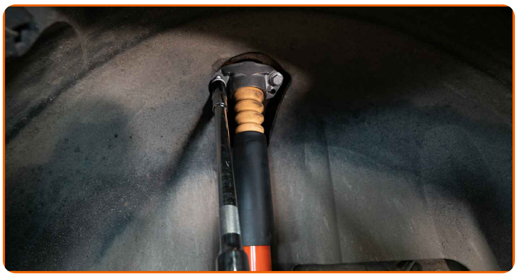
19 Place the shock absorber in the wheel arch and secure it.



20 Install the shock absorber mount using the center hole as a guide.



21 Tighten the top shock absorber fastening. Important! Be sure to use new fasteners. Use a drive socket #16. Use a torque wrench. Tighten it to 30 Nm torque.+90°



22 Support the arm. Use a hydraulic transmission jack.



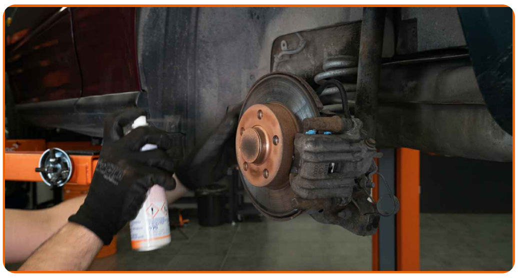
23 Tighten the lower fastener of the shock absorber. Important! Be sure to use new fasteners. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 40 Nm torque.+90°



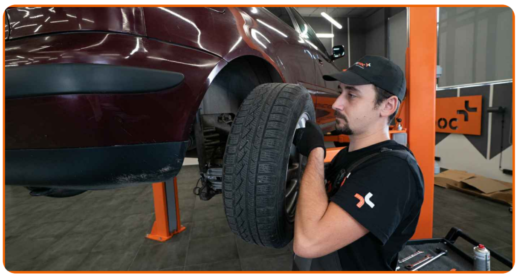
24 Remove the support from under the rear arm.



25 Clean the wheel rim mounting seat. Use a wire brush. Treat the contacting surface. Use copper grease.



26 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. AUDI TT Roadster (8N9)

27 Screw in the wheel bolts. Use wheel impact socket #17.



28 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.



29 Remove the jacks and chocks.



WELL DONE!

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